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UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF CROP ESTIMATES,
Washington, D. C.

No. 15.

November 1, 1919.

FOREIGN CROP AND LIVE STOCK REPORTS.
Issued twice a month, for official and general use.

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CROPS IN GENERAL.

CANADA.

1919 Crops.

(The corresponding figures for 1918 are placed
within brackets)

Production of Cereals.

Wheat 193,688,800 bushels (189,075,350), oats
399,368,000 bushels (426,312,500), barley 66,443,500 bushels
(77,287,240), rye 8,234,100 bushels (8,504,400).

Quality of Cereals.

Wheat 92 (98), oats 90 (94), barley 89 (97), rye 92
(92), flax 93 (92). 100 = last 10-year average.

Condition of Root and Fodder Crops.

Potatoes 95 (93), sugarbeets 85 (97), alfalfa 91 (89).
100 = last 10-year average.

(Dominion Bureau of Statistics of Canada)

CANADA (ONTARIO).

Farm Condition on October 16, 1919.

Wheat:-Fall wheat looks most promising.

Potatoes:-The yield per acre will run considerably
below the average.

(Ontario Department of Agriculture)

SWEDEN.

Crop Conditions on September 1, 1919.

Autumn wheat 113, spring wheat 103, rye 103, barley 115
oats 115. 100 = last 10-year average.

(International Institute of Agriculture)

FOREIGN CROP AND LIVE STOCK REPORTS.-CONT'D.

UNITED KINGDOM.

Area and Production of Cereals and Other Crops in 1918.

Crops.	Area.		Production.	
	1918.	1917.	1918.	1917.
	Acres.	Acres.	Winchester bushels.	Winchester bushels.
Wheat	2,793,049	2,103,498	96,079,433	66,349,950
Barley	1,838,356	1,796,066	64,036,451	59,290,187
Oats	5,603,421	4,763,989	257,433,136	214,727,664
Beans	251,222	210,899	7,685,199	3,912,173
Peas	128,364	103,294	3,636,462	2,295,253
Potatoes	1,505,176	1,364,967	<u>Bushels of</u> <u>60 pounds.</u>	<u>Bushels of</u> <u>60 pounds.</u>
Turnips and swedes	1,600,732	1,676,388	<u>Tons of 2000</u> <u>pounds.</u>	<u>Tons of 2000</u> <u>pounds.</u>
Mangolds	499,938	482,942	344,325,333	321,209,280
Hay from clover; sainfoin, etc.:	2,803,413	3,095,653	4,920,160	5,301,210
Hay from per- manent grass	5,950,352	6,494,428	8,891,680	9,440,820
Hops	15,666	16,946	<u>Pounds.</u>	<u>Pounds.</u>
			14,560,000	24,720,528

(Board of Agriculture and Fisheries of England)

ENGLAND AND WALES.

Area under Principal Crops.
(Preliminary Statement)

Crop.	Area.		Crop.	Area.	
	1919.	1918.		1919.	1918.
	Acres.	Acres.		Acres.	Acres.
Wheat ...	2,221,160	2,556,660	Peas	163,440	150,100
Barley ..	1,510,340	1,500,810	Potatoes	476,050	633,830
Oats	2,562,970	2,780,060	Rape	93,220	60,100
Mixed corn:	143,050	141,520	Flax	18,440	18,400
Rye	106,540	101,430	Hops	16,780	15,670
Beans ...	284,800	250,680			

(Board of Agriculture and Fisheries of England)

URUGUAY.

Unfavorable Prospects for Cereals for 1919-20.

In consequence of excessive rainfall, cultivation of cereals was hindered and it may be taken for granted that the next crop will not be abundant.

(International Institute of Agriculture)

WHEAT.

BRITISH INDIA.

The final figures on wheat are: Area, 23,764,000 acres in 1918-19 against 35,487,000 in 1917-18; production, 280,075,000 bushels in 1918-19 against 370,421,000 in 1917-18.

(Department of Statistics of India)

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• *Chlorophyll a* (Chl *a*)

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FOREIGN CROP AND LIVE STOCK REPORTS.-CONT'D.

SUGAR CANE AND CANE SUGAR.

ARGENTINA.

The area under sugar cane in 1918 was 230,000 acres, and the production of cane 2,425,000 short tons. The production of raw sugar in 1918 was 132,730 short tons.
(The International Institute of Agriculture)

BRITISH INDIA.

The total area planted to sugar cane is estimated at 2,686,000 acres for 1919-20 against 2,550,000 acres for 1918-19. The prospects of the crop are reported to be good in most of the important cane-growing provinces.
(Department of Statistics of India)

FLAXSEED AND FLAX FIBER.

AUSTRALIA (VICTORIA).

According to Vice-Consul W. J. McCafferty at Melbourne, Australia, the area under flax this year was 3,000 acres against 1,400 acres last year.
(Commerce Reports, October 6, 1919)

Area and Production of Flax (Seed or Fiber) in Some Countries
in 1919 and 1918.

(Compiled from original reports of the various governments and from reports of the International Institute of Agriculture, Rome, Italy)

Country.	AREA.		PRODUCTION.			
	1919.	1918.	Seed.		Fiber.	
			1919.	1918.	1919.	1918.
	Acres.	Acres.	Bushels.	Bushels.	Pounds.	Pounds.
United States	1,851,000	1,933,000	10,652,000	14,657,000	.....	.....
Canada	1,069,330	1,068,120	7,350,000	6,055,200	.....	.....
France	34,322	21,362	.....	.....	.....	.....
Italy	44,478	45,714	393,679	472,414	5,511,500	5,291,040
Nether-	.....	.....	.....	.....	.....	.....
lands	21,152	14,030	.....	144,893	.....	6,559,346
Spain	1,184	4,346	.....	64,528	.....	6,768,122
Argen-	.....	.....	.....	.....	.....	.....
tina	3,417,000	3,228,609	27,754,000	19,588,580	.....	.....
British	.....	.....	.....	.....	.....	.....
India	1,972,000	3,797,000	9,160,000	20,600,000	.....	.....
Japan	66,717	87,132	326,753	647,987	27,557,500	24,510,742
Tunis	8,419	3,531	46,848	73,736	.....	.....

RAPESEED.

NETHERLANDS.

The area under rapeseed in 1919 is estimated at 16,795 acres against 8,112 acres in 1918.

FOREIGN CROP AND LIVE STOCK REPORTS.-CONT'D.

RAPESEED.-CONT'D.

ROUMANIA.

The area under rape this year is estimated at 196,682 acres against 157,709 acres for three-year average 1913-15. The production for the four-year average 1913-16 amounted to 1,316,455 bushels of 50 pounds.

(International Institute of Agriculture)

SESAMUM.

BRITISH INDIA.

The total area so far reported is 1,520,000 acres against 1,291,000 acres for the same tracts at this date last year. The present condition of the crop is reported to be good.

(Department of Statistics of India)

OLIVES.

ITALY.

The condition of olives on September 1 was average.

SPAIN.

The area under olives in 1919 is estimated at 3,952,997 acres against 3,852,847 acres in 1918.

ALGERIA (DEPARTMENT OF CONSTANTINE).

The production of olives in 1919 is estimated at 397,000,000 pounds and the production of olive oil at 3,674,000 gallons.

TUNIS.

The condition of olives on August 1 was average.

(International Institute of Agriculture)

FRUIT.

CANADA (PROVINCE OF NEW BRUNSWICK).

1919 Fruit Crop.

Small fruits, such as strawberries, blueberries, etc., have been very plentiful this past season, and the apple crop is large and of excellent quality.

(Consul Henry D. Culver, St. John, New Brunswick,
September 10, 1919.)

COFFEE.

DUTCH EAST INDIES (JAVA AND MADURA).

The coffee production in 1919 is estimated at 86,289,000 pounds against 120,105,000 pounds in 1918.

(International Institute of Agriculture)

MINERAL RESOURCES

THE UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

1910

1911

1912

1913

1914

1915

1916

1917

1918

1

1919

1920

1921

1922

1923

1924

1925

1926

FOREIGN CROP AND LIVE STOCK REPORTS.-CONT'D.

VANILLA.

MEXICO (STATE OF VERA CRUZ).

Prospects for Vanilla.

The season having been favorable, a crop of 300,000 pounds of whole beans and 20,000 pounds of cuts is expected against 210,000 pounds of whole beans and 40,000 pounds of cuts last year.

(Consul Paul H. Foster, Vera Cruz, September 17, 1919).-Commerce Reports.

LIVE STOCK.

ENGLAND AND WALES.

Number of Live Stock on June 4,
1919.

(The figures for the corresponding period of 1918 are given in brackets)

Horses 1,386,810 (1,375,830), cows and heifers in milk 1,943,660 (1,858,200), total cattle 6,194,590 (6,200,490), sheep 15,123,220 (16,475,180), pigs 1,799,560 (1,697,070).
(Board of Agriculture and Fisheries of England)

BRITISH INDIA (NATIVE STATES NOT INCLUDED). a

Bulls and bullocks 49,331,497, cows 37,471,164, buffaloes (bull 5,582,655, cow 13,652,678), young stock (calves and buffalo calves) 43,069,628, sheep 22,894,571, goats 33,165,506, horses and ponies 1,680,946, mules 70,940, donkeys 1,534,344, camels 499,903. Only for five provinces are the figures for the years stated. For the other provinces, the figures are from previous enumerations.

(International Institute of Agriculture)

a For the agricultural year 1917-18.

COTTON.

ARGENTINA.

The area under cotton in 1919-20 is estimated at 32,000 acres, the same as last year and equal to 423.5 per cent of the average for the four years 1913-14 to 1916-17. The condition of the crop on September 1 was good.

(International Institute of Agriculture)

BRITISH INDIA.

Area under the 1919-20 Cotton Crop.

This forecast is based upon reports on the condition of the crop at the end of July and early in August. The figures relate only to 75 per cent of the total cotton area, as sowings, especially of the late crop, have in many places not yet commenced.

The returns show that an area of 13,302,000 acres has been sown this year against 11,286,000 acres on this date last year, an increase of 18 per cent. The present condition of the crop is reported to be generally good.

(Department of Statistics of India.)

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Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																														
Population	10,000	10,500	11,000	11,500	12,000	12,500	13,000	13,500	14,000	14,500	15,000	15,500	16,000	16,500	17,000	17,500	18,000	18,500	19,000	19,500	20,000	20,500	21,000	21,500	22,000	22,500	23,000	23,500	24,000	24,500	25,000	25,500	26,000	26,500	27,000	27,500	28,000	28,500	29,000	29,500	30,000	30,500	31,000	31,500	32,000	32,500	33,000	33,500	34,000	34,500	35,000	35,500	36,000	36,500	37,000	37,500	38,000	38,500	39,000	39,500	40,000	40,500	41,000	41,500	42,000	42,500	43,000	43,500	44,000	44,500	45,000	45,500	46,000	46,500	47,000	47,500	48,000	48,500	49,000	49,500	50,000	50,500	51,000	51,500	52,000	52,500	53,000	53,500	54,000	54,500	55,000	55,500	56,000	56,500	57,000	57,500	58,000	58,500	59,000	59,500	60,000	60,500	61,000	61,500	62,000	62,500	63,000	63,500	64,000	64,500	65,000	65,500	66,000	66,500	67,000	67,500	68,000	68,500	69,000	69,500	70,000	70,500	71,000	71,500	72,000	72,500	73,000	73,500	74,000	74,500	75,000	75,500	76,000	76,500	77,000	77,500	78,000	78,500	79,000	79,500	80,000	80,500	81,000	81,500	82,000	82,500	83,000	83,500	84,000	84,500	85,000	85,500	86,000	86,500	87,000	87,500	88,000	88,500	89,000	89,500	90,000	90,500	91,000	91,500	92,000	92,500	93,000	93,500	94,000	94,500	95,000	95,500	96,000	96,500	97,000	97,500	98,000	98,500	99,000	99,500	100,000

1. *Journal of the American Medical Association*, 1990; 263: 1025-1028.

WORLD CROPS, 1917-19.

The figures in this table are taken from original reports published by the various governments, from the International Institute of Agriculture, and from other reliable sources that quote government reports.

The years given here are those during which the harvest takes place. In the countries marked with an asterisk (*) the harvest extends from the end of one year to the beginning of the next year and for these countries the years are 1918-19, 1917-18, and 1916-17, respectively.

The later data are subject to revision.

COTTON.

(Bales of 478 pounds net of ginned cotton. In a few minor instances where it could not be determined from the reports whether the cotton was ginned or not, it was assumed to be ginned).

Country.	AREA.			PRODUCTION.		
	1919.	1918.	1917.	1919.	1918.	1917.
	Thous- and acres.	Thous- and acres.	Thous- and acres.	Bales.	Bales.	Bales.
NORTH AMERICA.						
United States <u>a</u>	33,960	35,890	33,841	10,696,000	12,040,532	11,302,375
Porto Rico <u>b</u>	443	268
St. Croix	16
West Indies (British)	3,791	2,510
Mexico	365,709	.....
SOUTH AMERICA.						
Argentina	33	.....	.....	.....	.....	.....
Brazil	590,000	.....	449,000
Paraguay	922	.....
Peru <u>c</u>	80,140
ASIA.						
British India <u>a</u>	20,497	25,188	21,745	3,072,000	3,347,000	3,756,000
Cyprus	1,912
Japan	5	7	6	.....	.....	4,186
AFRICA.						
Algeria	1	.....	1	1,653	.....	904
British Posses- sions:
East Africa Protectorate	167	167
Gold Coast	84	84
Lagos	2,510	6,527
Nigeria:
Northern	2,510	3,264
Southern	84	84
Nyasaland Pro- tectorate (including Rhodesia)	4,184	5,439
Uganda Pro- tectorate	134	.....	.....	12,247	20,084
Togoland (Brit- ish sphere)	2,068
Union of South Africa	5	.....	837	732
Egypt	1,366	1,741	.....	1,088,327	1,321,818
Eritrea <u>e</u>	93
Sudan (Anglo- Egyptian)	10,042	19,247
OCEANIA.						
New Hebrides Is.	6,362

a Linters not included. b Shipments to the United States beginning July 1 of the years mentioned. c Exports. d Including some Native States. e Shipments to Italy.

LEON M. ESTABROOK,
Chief of Bureau.

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was plotted against the number of trials for each condition. The number of correct responses increased with the number of trials for all conditions. The number of correct responses was highest for the condition with the highest number of trials (10 trials) and lowest for the condition with the lowest number of trials (2 trials).

1. The first group of variables includes the demographic characteristics of the respondents, such as age, gender, and education level. These variables are used to control for potential confounding factors that may influence the dependent variable.

2. The second group of variables represents the independent variables, which are the factors being tested for their effect on the dependent variable. These variables are selected based on theoretical considerations and previous research findings.

3. The third group of variables consists of control variables, which are used to account for other factors that may affect the outcome but are not the primary focus of the study. These variables help to isolate the effect of the independent variables.

4. The fourth group of variables includes the dependent variable, which is the outcome being measured in the study. This variable is the primary focus of the research and is used to assess the impact of the independent variables.

5. The fifth group of variables represents the statistical methods used in the analysis. These methods include regression analysis, correlation analysis, and other statistical techniques that are used to test the hypotheses and draw conclusions from the data.

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Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was plotted against the number of trials for each condition. The number of correct responses increased with the number of trials for all conditions. The number of correct responses was highest for the condition with the highest number of trials (10 trials) and lowest for the condition with the lowest number of trials (2 trials).